

Lin
10/608,246

REMARKS

The undersigned requests a personal interview with the Examiner in charge of this application to discuss the issues dealt with below.

The specification was objected to as failing to find proper basis for use of the expression "surface" in connection with the slots called for in the claims. The offending language has been removed from the claims.

Claims 3, 6-13, 15-19, 38, 41, 44 and 47 were rejected as being indefinite for use of the expression "vent". The expression has been removed from the pending claims.

Claims 1-4, 6-13, 15-20, 22-24, 26, 29-38, 41, 44, 47, 50 and 53-55 were rejected as being anticipated by either of Aydt (6,467,590) or EP 1,048,874.

Aydt discloses a disk brake designed to prevent squealing. The illustrated design shows slots on the braking surfaces communicating with vanes between the braking surfaces. All of the slots extend either from the inner end of the braking surfaces to the outer edges, or part way inwardly from the outer edge of the rotor. Since the design is to prevent oscillations in the rotor which apparent cause or contribute to the squeal, it is believed that this construction must be considered significant.

The EP reference employs an annular slot or slots in a brake rotor to, again, obtain quiet braking.

Stehle (3,809,192), not applied in the last action, shows perforations rather than slots in the braking surfaces.

The present invention, whose purpose is to ventilate and provide self-cleaning of the brake rotor, employs generally radiating slots with one end of each slot adjacent to but spaced from the inner portion and an opposite end of each slot adjacent to and spaced from the outer periphery of the rotor. This feature appears to be lacking in the above references.

In view of the excellent art cited by the Examiner, all of the remaining parent claims have been amended to include this feature.

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Claims 3, 5-8, 14, 16-19, 22-49, and 51-53 have been canceled.

Claim 1 recites that the slot terminates adjacent to but short of and spaced from the outer periphery and central portion of the rotor.

Independent claim 50 recites that the slots extend from the central portion to the outer periphery but, again, recites that the slots end short of and are spaced from the edges of the braking surfaces. Independent claims 54 and 55 employ similar language with additional details.

The depending claims add details about the size of the openings and the relationships of the slots and openings on one brake surface to that of the slots and openings on the opposite brake surface.

It is believed that the claims as amended clearly distinguish over the references discussed above and should be allowed.

A conscientious effort has been made to place this application in condition for immediate allowance. The Examiner is requested to call the undersigned or Mr. Kroll if further changes are required to obtain allowance of the application.

A favorable action is solicited.

Respectfully submitted,



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Dated: April 29, 2005